



# ISOTOPES, INC.

123 WOODLAND AVENUE, WESTWOOD, NEW JERSEY 07675 • TELEPHONE 201-664-7070 • TWX 710 999-5550

March 2nd 1966

Mt. Kisco Urban Renewal Agency  
Municipal Building  
Mount Kisco, New York

Re: Urban Renewal Project No. N.Y.R.-58 - Item 1-Contract Unit II A  
Demolition of Canadian Radium & Uranium Corp. Facility

Gentlemen:

We are enclosing herewith our bid for the above referenced work.

It is our intention to employ the services of Rossi-Halmar, 30 Stevens Avenue, Mount Vernon, N.Y. for carrying out the clearing, demolition, rough grading and disposal of resulting debris from the existing CAN-RAD Facility located at 69 Kisco Avenue, Mount Kisco, N.Y.

All debris will be transported to the Croton Point Sanitary Dump in Westchester County. In the event that radioactive levels of portions of the contaminated material exceed those permissible at the Croton Point disposal area, we will employ the services of the Long Island Nuclear Service Corp. to transport such materials to the Nuclear Fuels Services Inc. disposal area at West Valley near Buffalo, N.Y. Segregating and packaging of such materials will be performed by Rossi-Halmar. Should the above work be required the following additional charges will apply:

- (1) For segregating and packaging such  
contamination material . . . . . \$50.00 per cu. yd.
- (2) For the supplying of appropriate containers and the  
transportation of materials to the West Valley,  
N. Y. area . . . . . \$135.00 per cu. yd.

All other costs, with the exception of those provided for under the Form of Bid, Division C, Items 1 and 2, are covered by our lump sum fixed price quotation.

All work connected with the demolition of CAN-RAD will be under the personal supervision of Dr. Frank J. Bradley, an employee of Isotopes, Inc. Dr. Bradley is a Certified Health Physicist. His resume is included with those of the officers of Isotopes, Inc. He will be assisted by other qualified technical personnel from our Health Physics staff.

Mt. Kisco Urban Renewal Agency  
March 2nd 1966  
Page 2

We are enclosing a copy of our Nuclear Energy Liability Insurance which will cover our operations as well as the operations of our sub-contractors in the performance of the work covered by this bid.

Should you require further technical information regarding our proposal, we request that you contact Dr. Bradley. On all administrative matters, please contact the writer.

We sincerely trust that we may be of service to you in this requirement.

Very truly yours,

ISOTOPES, INC.

A handwritten signature in dark ink, appearing to read "Robert C. Butler", is written over a horizontal line.

Robert C. Butler  
Vice President

RCB:mv  
Enc.

DIVISION C

FORM OF BID

Bid For

Urban Renewal Project No. N.Y.R.-58  
Item 1 - Contract Unit IIA  
Demolition of Canadium Radium & Uranium Corp. Facility

To: Mt. Kisco Urban Renewal Agency  
Municipal Building  
Mount Kisco, New York

Gentlemen:

1. The undersigned, having familiarized (himself) (themselves) (itself) with the existing conditions in the Project Area and at the Croton Point Disposal Area affecting the cost of the work, and with the Contract Documents (which includes Invitation for Bids, Instruction to Bidders, the form of Bid, the form of the Bid Bond, Form of Contract (or agreement), form of Non-collusive affidavit, Amendment No. 1 dated February 15, 1966, Addenda (if any), General Conditions, Special Conditions, Technical Specifications, Drawings (as listed in the schedule of drawings), and Form of Surety Bond or Bonds; as prepared by Staunton & Freeman, Consulting Engineers and on file in the office of the Mt. Kisco Urban Renewal Agency), hereby proposes to furnish all supervision, technical personnel, labor, materials, machinery, tools, equipment and services including utility and transportation services and to perform and complete, within the time stipulated, all work required under Item 1 - Contract Unit IIA, all in accordance with the above listed documents, for the lump sum of Fifty-four thousand, seven hundred and twenty-four Dollars (\$ 54,724.00).

2. In the event that either additions or deductions to the work are required due to field conditions or if otherwise required by the Agency, the undersigned further proposes to accept the following Unit Prices for the items of work stipulated for any such additions or deductions required; (Bidders shall insert Unit Prices in all available spaces).

<u>Item No.</u>	<u>Item Description</u>	<u>Unit</u>	<u>Unit Price Bid</u>
1.	Boulder Excavation	C.Y.	<u>Six Dollars and</u> <u>No Cents</u> <u>( \$ 6.00 )</u>
2.	Contaminated Earth Subgrade Excavation and Removal to Croton Point Disposal Area	C.Y.	<u>Five</u> <u>Dollars and</u> <u>0 Cents</u> <u>( \$ 5.00 )</u>

Form of Bid

3. In submitting this Bid, the Bidder understands that the right is reserved by the Awarding Authority to reject any and all Bids. If written notice of the acceptance of this Bid is mailed, telegraphed or delivered to the undersigned within sixty (60) days after the opening thereof, or at any time thereafter before this Bid is withdrawn, the undersigned agrees to execute and deliver an Agreement in the prescribed form and furnish the required bonds within ten (10) days after the agreement is presented to him for signature.

4. Security in the sum of Two thousand, seven hundred and thirty-seven dollars and 00/100 DOLLARS (\$ 2,737.00 ), in the form of a certified check is submitted herewith in accordance with the INSTRUCTIONS TO BIDDERS.

5. Attached hereto is an affidavit in proof that the undersigned has not colluded with any person in respect to this Bid or any other Bid for the Contract for which this Bid is submitted.

6. The Bidder is prepared to submit a financial and experience statement upon request.

Date March 2nd, 19 66.

ISOTOPES, INC.

(Name of Bidder)

Official Address:

123 Woodland Avenue

Westwood, N. J.

BY 

TITLE Vice-President

Form of Non-Collusive  
Affidavit

DIVISION D

NON-COLLUSIVE AFFIDAVIT

State of New Jersey.....)  
County of Bergen.....) ss.

Robert C. Butler, being first duly sworn,  
deposes and says that:

(1) He is (owner, partner, officer, representative  
or agent) of Isotopes, Inc., the Bidder  
that has submitted the attached Bid:

(2) He is fully informed respecting the preparation  
and contents of the attached Bid and of all pertinent circum-  
stances respecting such Bid;

(3) Such Bid is genuine and is not a collusive or  
sham bid;

(4) Neither the said Bidder nor any of its officers,  
partners, owners, agents, representatives, employees or par-  
ties in interest, including this affiant, has in any way col-  
luded, conspired, connived or agreed, directly or indirectly,  
with any other Bidder, firm or person to submit a collusive or  
sham Bid in connection with the Contract for which the attached  
Bid has been submitted or to refrain from bidding in connec-  
tion with such Contract, or has in any manner, directly or in-  
directly, sought by agreement, or collusion or communication  
or conference with any other Bidder, firm or person to fix the  
price or prices in the attached Bid or of any other Bidder,  
or to fix any overhead, profit or cost element of the bid  
price or the bid price of any other Bidder, or to secure through  
any collusion, conspiracy, connivance or unlawful agreement any  
advantage against the Mt. Kisco Urban Renewal Agency or  
any person interested in the proposed Contract; and

(5) The price or prices quoted in the attached Bid  
are fair and proper and are not tainted by any collusion, con-  
spiracy, connivance or unlawful agreement on the part of the  
Bidder or any of its agents, representatives, owners, employees,  
or parties in interest, including this affiant.

(Signed) [Signature]  
Vice President  
Title

Subscribed and sworn to before  
me this 2nd day of March,  
1966.

[Signature]  
Title

My commission expires 8/19/70 D-1

DIVISION F

STATEMENT OF BIDDER'S QUALIFICATIONS

All questions must be answered and the data given must be clear and comprehensive. This statement must be notarized. If necessary, questions may be answered on separate attached sheets. The Bidder may submit any additional information he desires.

1. Name of Bidder. Isotopes, Inc.
2. Permanent main office address. 123 Woodland Ave., Westwood, N.J.
3. When organized. January 1955
4. If a corporation, where incorporated. State of New Jersey
5. How many years have you been engaged in the contracting business under your present firm or trade name? Over ten (10) years
6. Contracts on hand: (Schedule these, showing gross amount of each contract and the appropriate anticipated dates of completion.) See Attachment Schedule A
7. General character of work performed by you. See Attachment Schedule B
8. Have you ever failed to complete any work awarded to you? No.  
If so, where and why?
9. Have you ever defaulted on a contract? If so, where and why? No
10. List the more important contracts recently completed by you, stating approximate gross cost for each, and the month and year completed. See Attachment Schedule C
11. List your major equipment available for this contract. See Attachment Schedule D
12. Experience in Demolition and Construction work similar in importance to this project. See Attachment Schedule E
13. Background and experience of the principal members of your organization including the officers. Resumes attached.
14. Give bank reference. N.J. Bank & Trust Co., Paterson, N.J.
15. Will you, upon request, fill out a detailed financial statement and furnish any other information that may be required by the Mt. Kisco Urban Renewal Agency? Yes
16. The undersigned hereby authorizes and requests any person, firm, or corporation to furnish any information requested by the Mt. Kisco Urban Renewal Agency in verification of the recitals comprising this Statement of Bidder's Qualifications.

Dated at Westwood, N.J. this 2nd day of March, 1966.

ISOTOPES, INC.

(Name of Bidder)

By [Signature]

Vice-President

(Title)

Form of Statement of  
Bidder's Qualifications

State of New Jersey )  
County of Bergen ) ss

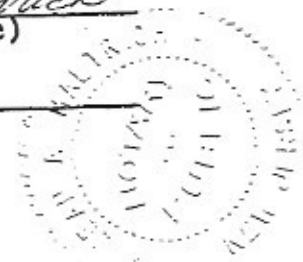
Robert C. Butler being duly sworn, deposes and  
says that he is Vice President of

Isotopes, Inc. and that the answers to the fore-  
(Name of Organization)  
going questions and all statements therein contained are true  
and correct.

Subscribed and sworn to before me this 2nd day of  
March, 19 66.

*Juan A. Mactucki*  
(Notary Public)

My commission expires 8/19/70.





ATTACHMENT - SCHEDULE "A"

<u>Contract Issued By</u>	<u>Contract No.</u>	<u>Completion Date</u>	<u>Amount of Contract</u>
Air Force Office of Scientific Research	AF 49(638)-1590	4/66	\$925,000
Air Force Office of Scientific Research	AF 49(638)-1473	4/66	\$235,000
U.S. Atomic Energy Comm.	AT(30-1)-3276	9/66	\$240,000
	AT(30-1)-3306	9/66	\$125,000
Westinghouse Electric Co.	73-Y-362236-M	8/66	\$ 55,000
University of California	2023100	12/66	\$ 25,000
	2022600	6/67	\$ 50,000



ATTACHMENT - SCHEDULE "B"

The general character of work performed by Isotopes, Inc. comes under the heading of Nuclear Radiation Measurements. These measurements include:

1. Radiochemistry
2. Health Physics
3. Decontamination Services
4. Consultation
5. Research and Development



ATTACHMENT - SCHEDULE "C"

The following is a partial list of contracts successfully completed by Isotopes, Inc. during the year 1965.

<u>Contract Issued By</u>	<u>Contract No.</u>	<u>Amount of Contract</u>
Air Force Office of Scientific Research	AF 49(638)-1269	\$ 55,000
Air Force Office of Scientific Research	AF 49(638)-1398	580,000
U.S. Atomic Energy Commission	AT(30-1)-2415	110,000
U.S. Atomic Energy Commission	AT(30-1)-3055	110,000
Office of Civil Defense	OCD-05-62-193	195,000
Westinghouse Electric Corp.	73-T-335785	30,000
Burns & Roe, Inc.	BRO-210	20,000
Lawrence Radiation Laboratory (University of California)	1255903	25,000
Lawrence Radiation Laboratory (University of California)	2001700	51,000
State of New York Dept. of Health	C-18719	25,000
Sylvania Electric Products, Inc.	GM-9700	40,000
General Electric Co. (KAPL)	NPD-6764C	12,000



ATTACHMENT - SCHEDULE "D"

Two Bioassay Laboratories completely equipped for carrying out blood, urine and feces analyses.

Four Radiochemical Laboratories fully equipped for quantitative evaluation of radionuclides in air, soils, bone, tissue and other organic and inorganic materials.

One calibration Facility containing a 10 mc standard  $\text{Co}^{60}$  source for gamma calibration, several standard  $\text{Sr}^{90}$  sources for beta calibrations and several  $\text{Pu}^{239}$  sources for alpha calibrations.

One Dust Particle Research Laboratory including optical and electron microscopes.

Two fully equipped counting rooms for alpha, beta and gamma counting.

A complete inventory of disposable equipment is maintained on hand for decontamination work.

The following calibrated health physics survey equipment will be used:

- (a) Two Eberline PAC-3G alpha survey instruments.
- (b) One Eberline Floor Monitor.
- (c) Two Victoreen beta-gamma survey instruments.
- (d) Two High Volume Staplex air sampling devices.
- (e) Twenty pocket dosimeters.



ATTACHMENT - SCHEDULE "E"

The most recent experience in demolition and construction work performed by Isotopes, Inc. involved decontaminating an A.E.C.-Sylcor Facility in Hicksville, Long Island. This work was carried out under the direction of Dr. Frank J. Bradley and work was completed to the entire satisfaction of the A.E.C. and the Sylcor Division of Sylvania Electric Products, Inc. during the month of December, 1965.

The onsite representative of Sylcor was Mr. Henry Grieb, Industrial Hygienist. Our administrative contact was with Mr. John J. McCarthy.

The above area encompassed a total area of approximately fifty thousand square feet and involved two medium size buildings and six small ones. The work involved the use of heavy construction equipment including bulldozers, cranes and a payloador. Such equipment was periodically monitored during demolition and decontaminated at the end of the contract. An average of fifteen construction personnel were working under the direction of Isotopes, Inc. during this time. All work was satisfactorily completed without any radiation exposure to any of the construction personnel employed.

J. LAURENCE KULP, Ph.D.

President

Dr. Kulp has directed a wide variety of research projects in the general areas of geochemistry and radiochemistry. These have included various aspects of the dissemination of radioactive debris into the geosphere and biosphere. Major projects have been Projects HASP and STAR DUST (world-wide radioactive fallout in the atmosphere), biogeochemistry of  $\text{Sr}^{90}$  and  $\text{Cs}^{137}$ , movement of bomb-produced  $\text{C}^{14}$  in the atmosphere, biosphere and oceans, mathematical model for the prediction of fission products in post-attack diets, decontamination of aircraft from fission debris, plutonium hazards from non-nuclear accidental destruction of devices, and Project Vela Cloud Gap.

Geochronology has also been a focus of study. Investigations have been made on the development of the method of radiocarbon dating and its application to archeological and geological problems in such diverse areas as the constancy of cosmic ray flux, the origin of petroleum and the development of the human culture in South America. The K-Ar, Rb-Sr and U-Pb methods of dating rocks have been developed in Dr. Kulp's laboratory and applied to numerous geological problems. In 1962 a definitive geological time scale was produced.

Other fundamental investigations have been in the field of isotope geochemistry as applied to the origin of the Mississippi Valley lead ores, of the porphyry copper ores of the Southwest, of salt dome sulfur deposits, the uranium deposits of the Colorado Plateau and the age of the gold ores of Lead, S.D. Studies utilizing lead and strontium isotope variations have helped shed light on certain problems of the evolution of the continents and ocean basins.

In space science, Dr. Kulp has been concerned with the geologic mapping of the moon by gamma spectrometry, the age of meteorites, the probable sources of water on the lunar surface and the radiation background to be expected in cis-lunar space.

From 1947 until the present, Dr. Kulp has been on the faculty of Columbia University, currently as Professor of Geochemistry. Since 1954 he has been Director of the Geochemistry Laboratory at the Lamont Geological Observatory. He has served as a consultant to industrial firms, military groups, and other Government agencies, e.g. Esso Standard Oil, Humble Oil, Kennecott Copper, Gulf Research and Development, Rand Corporation, U.S.A.F., Army Ordnance Corps, U.S.A.E.C., Federal Government of West Germany.

Dr. Kulp was a founding Director of Isotopes, Inc. and served in a consulting capacity as Senior Scientific Advisor until December, 1964 when he became president of the Company. He is a member or fellow of the following scientific societies: American Chemical Society, American Physical Society, Geological Society of America, Geochemical Society, Mineralogical Society of America, Association of Petroleum Geologists, American Geophysical Union, Society of Sigma Xi, American Association for the Advancement of Science.

DONALD R. CARR, Ph. D.  
Senior Vice President

Dr. Carr was a founding Director of Isotopes, Inc. at its inception in 1955 and is presently the Senior Vice President of the company. His current responsibilities include the direction and coordination of major activities toward achieving company objectives. He specifically plans, directs and coordinates the efforts of the entire marketing section of the company, with particular emphasis placed on maintaining and improving the company's competitive position and attaining defined sales goals.

In this capacity he directs the overall sales planning of the company, including an analysis of competitive products and selling techniques, market research, sales budgets and projections. He insures that consolidated sales forecasts are prepared and recommends short and long-term sales goals, making certain that assigned sales volume and profit goals are accomplished. Dr. Carr also makes recommendations to appropriate management functions for modification or improvements to products and services derived from Technical Liaison or Technical Relations. He decides on pricing policies including quantities, terms and conditions of sale. The administration of all advertising and sales promotion activities, sales service activities and customer relations is under his supervision.

Dr. Carr discharges the duties of the President in his absence or disability, and he assists the President in preparing short and long-range plans for the company.

He obtained a B.S. in Mechanical Engineering in 1943 from the University of Rochester. Test experience with Wright-Aeronautical in 1943-45 was followed by duties as an Engineering Officer in the U.S. Maritime Service and U.S. Navy through 1946. Following World War II, Dr. Carr served as a Sales Engineer in the fields of air conditioning, refrigeration and heating.

Dr. Carr returned to Graduate School to study in the field of geochemistry and in 1951 received his M.A. in Geology from Columbia University and his Ph. D. in Geology in 1956 from Columbia University. His areas of professional experience include geological age determinations using methods based on natural radioactivity; nuclear processes in atmospheric and geologic setting; particle size studies of aerosols; and carbon-14 and tritium analysis.

Membership is maintained in the American Scientific Affiliation, the American Society for Testing Materials, the Geological Society of America and the American Nuclear Society. Dr. Carr is the corporate representative of the Atomic Industrial Forum.

THOMAS D. PARKS, Ph. D.

Vice President - Technical

Dr. Parks is responsible for the direction of about 150 scientific and engineering personnel in the performance of all Technical activities at Isotopes, Inc. These include research and development projects, scientific services, engineering activities, new product development, and manufacturing.

From 1957 to 1965 Dr. Parks was employed by Procter & Gamble Company as Associate Director of the Product Development Division. There, he was most recently concerned with the problem of computer reduction of data from a variety of analytical sources. His instrument development responsibilities included supervision of the design of optical, sonic, and electrical instrumentation and process control equipment for pilot plant use in the company's operations. He also directed biological research services involving bacterial agent development, animal feeding and studies of the effects of various materials on skin and the toxicity of materials as a result of ingestion or absorption. The application of synthetic aromatic perfumes to soaps and detergents was also under his supervision. Among Dr. Parks' personal research accomplishments at Procter & Gamble were the development of a fluidized bed particle coating technique for making a bleach composition, and extensive studies of natural material structures by means of gas chromatography, infrared, ultra-violet, mass spectrographic and nuclear magnetic resonance analyses. From this research and from his earlier experience as Vice President - Research and Development for the Clorox Chemical Company (1955-1957), Dr. Parks obtained several patents and applied for others which are pending.

As Assistant Director of the Physical Science Division and Chemistry Department Chairman at Stanford Research Institute from 1950 to 1955, Dr. Parks pioneered in the use of amperometric titration at a rotating platinum electrode for a variety of elemental microanalysis applications. He also conducted government and industrial contract research including studies of the air pollution problems in the County of Los Angeles and in various industrial process plants. While at S.R.I. he also served as a consultant to the State of California on the reuse and reclamation of industrial waste water. From 1945 to 1949 Dr. Parks held the position of Section Head in Analytical Chemistry for the Shell Development Company.

Dr. Parks received a B.S. in Chemistry in 1942 from Wheaton College and a Ph. D. in Analytical Chemistry in 1945 from the University of Illinois. He is a member of Sigma Xi, the American Chemical Society, the American Oil Chemical Society, and the American Scientific Affiliation.

R E S U M E

ROBERT KLEINER

RESIDENCE: 80 Fairview Avenue, Hawthorne, New Jersey

DATE AND PLACE OF BIRTH: April 6, 1925, Paterson, New Jersey

MARITAL STATUS: Married, two children

EDUCATION:

University of Pennsylvania 1941 - 1943  
United States Army 1943 - 1946  
University of Pennsylvania, B.A., 1948  
Columbia University, M.A., 1949  
New York University, LL.B., 1952

EXPERIENCE AND FIELDS OF INTEREST RELATIVE TO ISOTOPES, INCORPORATED:

Counsellor at Law and member of New Jersey Bar since  
December 1952  
Admitted to practice before Supreme Court of United States, 1956  
Counsel to Isotopes, Inc. since its formation in January, 1955  
Trustee and Legal Counsel to Employees' Retirement Trust Plan  
since its inception in February, 1960  
Secretary of Isotopes, Inc. 1957 - present  
Director of Isotopes, Inc. 1964 - present

Provides legal counsel and guidance in the ordinary and  
special activities of the corporation. Directs defense  
of the corporation against suits or claims and prepares  
prosecution of the corporation's claims against others.

Provides legal counsel and guidance to the officers and  
directors of the corporation and to all other corporate  
personnel, on corporate matters involving legal problems.

Prepares or reviews proposed contracts, leases, formal  
agreements and other legal instruments.





## RESUME

FRANCIS J. BRADLEY, Ph. D.  
Scientist

Dr. Bradley is the Head of the Health Physics Section at Isotopes, Inc. From 1962 to 1965 Dr. Bradley was an Assistant Professor of Public Health at the School of Public Health, University of Pittsburgh, teaching courses in Health Physics. He also performed research in the biological effect of ionizing protons and high energy proton dosimetry and the effects of temperature and humidity on glass rods for use in dosimetry.

During the period 1961-1962 Dr. Bradley was Technical Adviser in Health Physics for the International Atomic Energy Agency. He spent nine months in Turkey and six months in Taiwan helping to establish Health Physics programs for reactors obtained under the Atoms for Peace Program.

From 1953 to 1961 Dr. Bradley was Superintendent of Radiation Safety in Ohio State University's Office of Radiation Safety. He taught courses and carried out the environmental surveys for the site selection for the research and teaching reactor. He also set up the Health Physics programs for the reactor, the gamma irradiator and the cyclotron. His work here also included the administration of the use of radioisotopes.

Dr. Bradley worked on Radiation Safety Problems at the Industrial Hygiene Laboratory of Westinghouse Electric Corporation from 1950 to 1953. He developed a film badge service for fast neutron dosimeters for in-house Health Physics.

In 1949-50 he studied under an AEC Radiological Physics Fellowship at the Oak Ridge National Laboratory. His areas of investigation included atomic and nuclear physics, applied health physics, radiobiology and physiology.

Dr. Bradley received a B.E.E. in 1949 from Manhattan College, his M. S. in Electrical Engineering in 1953 from the University of Pittsburgh and his Ph. D. in Nuclear Physics and Chemistry in 1961 from Ohio State University.

KISCO AVENUE-SUTTONS LANE RENEWAL PROJECT  
MOUNT KISCO, NEW YORK

ITEM 1 - CONTRACT UNIT IIA

Demolition of Canadian Radium & Uranium Corporation Facility

AMENDMENT NO. 1

Dated February 15, 1966

To

Item 1-Contract Unit II Specifications Dated October 21, 1965.

To provide for the  
Clearing, Demolition, Rough Grading and Disposal of Contaminated  
Wastes of the existing CAN-RAD Facility located at 69 Kisco Avenue,  
Mount Kisco, New York

The basic Item 1 - Unit II Contract Specifications referred to above have been issued to cover work along Kisco Avenue and around the Can-Rad Facility, which is of a similar nature to that required herein except that contaminated wastes and special demolition and disposal operations are not involved. The purpose of this amendment is to adapt the above specifications to specifically govern the work required in the area of the Can-Rad Facility which area is delineated on the site drawing attached hereto.

Therefore all applicable provisions of the basic specification shall govern the work under this contract except as specifically amended herein.

Prospective bidders are hereby informed that the General Contractor who is presently engaged at the site in the Clearing, Demolition and Rough Grading operations under Item 1 - Contract Unit II is:

ROSSI-HALMAR  
30 Stevens Avenue  
Mount Vernon, New York

The above contractor was also involved in the special removal and disposal of contaminated wastes of the Can-Rad Facility to the Croton Point Dump under a previous partial decontamination operation. Therefore it may be advantageous, although not mandatory, for certain portions of this contract to be subcontracted to the above contractor.

The following changes and amendments refer to the various divisions of the basic specification:

DIVISION A Invitation for Bids

The Mt. Kisco Urban Renewal Agency will receive sealed bids for Renewal Project Item 1 - Contract Unit IIA until 4:00 PM Standard Time on the 3rd day of March 1966.

The contract documents consist only of this amendment and the accompanying bound Item 1 Contract Unit II specifications dated October 21, 1965 together with subsequent addendum if any. There is no charge for these contract documents.

All other provisions of Division A remain unchanged.

DIVISION B Instructions to Bidders

1. USE OF SEPARATE BID FORMS

Duplicate copies of bid forms are appended hereto. One copy shall be executed and submitted as provided hereinafter and the other shall be retained for the contractor's records.

4. RELEASE OF BUILDINGS

It is expected that the complete CAN-RAD facility will be made available for demolition work as at the date of the notice to proceed.

6. BIDS

b. The designation Contract Unit IIA shall be incorporated in the labeling of the inner and outer envelopes.

All other provisions of Division B remain unchanged.

DIVISION C Form of Bid

The form of bid consisting of three pages contained in the bound contract specification shall be ignored. Bidders shall utilize the revised form of bid appended to this amendment in preparing and submitting their proposals.

DIVISIONS D, E, F and G remain unchanged except where references to Contract Unit II shall be changed to Contract Unit IIA.

DIVISION J General Conditions

On Page J-17, paragraph 22, delete all references to on-site burning. No burning will be permitted within the limits of the Village of Mount Kisco.

In addition to the insurance requirements set forth under General Conditions paragraph 26 on pages J-17 and J-18 the contractor shall, prior to commencing the work, submit evidence of his Nuclear Energy Liability Insurance coverage to the local public agency for review and approval.

The minimum salary and wage rate determinations referred to in General Conditions paragraphs 33, 34 and 56 are attached hereto and become a part of the contract documents.

All other provisions of Division J remain unchanged.

DIVISION K Special Conditions

2. TIME FOR COMPLETION

The work under this contract shall be fully completed within forty-five consecutive calendar days after the date of the notice to proceed.

3. RELEASE OF BUILDINGS

The complete CAN-RAD facility will be released to the contractor as of the date of the notice to proceed.

8. JOB OFFICES

Delete this paragraph in its entirety.. The contractor will not be required to furnish any on-site office facilities for use of the local public agency and the engineer.

Add the following new paragraph to the Special Conditions:

"14. CROTON POINT DISPOSAL AREA

Tentative approval has been obtained from the County of Westchester Department of Parks, Recreation and Conservation for the use of the Croton Point Sanitary land fill for disposal of radioactive waste materials which will result from the demolition of the Canadian Radium and Uranium Facility under this contract. The contractor is advised of his responsibility to make all necessary arrangements with the County of Westchester Department of Parks for all necessary fees, preparation of any required applications and permits to the Department of Parks in order that personnel at the sanitary land fill can provide an appropriate area for the disposition and burial of the contaminated materials."

All other provisions of Division K shall remain unchanged.

DIVISION L Drawing Schedule

The only drawing which shall be considered part of these contract documents shall be the CAN-RAD Facility Site Plan which is appended to this specification amendment. Those drawings, which are listed in the DRAWING SCHEDULE under Division L shall be considered as Information Drawings and represent the work which is presently under contract in the project area surrounding the CAN-RAD Facility. The contractor is hereby advised to inspect these Information Drawings in order to apprise himself of the nature of the work presently underway.

TECHNICAL SPECIFICATIONS

DIVISION 1 Demolition

Para 1.02 WORK INCLUDED: Replace with:

"This Division covers the dismantling, demolition, and disposal of the existing buildings, structures, equipment, utilities and contaminated subgrade material of the existing Canadian Radium and Uranium Facility in the area delineated on the Site Plan attached hereto. Other minor quantities of contaminated materials which may be located within the general Urban Renewal Project Area shall also be removed to the approved disposal area as hereinafter specified.

Para. 1.04 DEMOLITION

Subpara. a. Title to Property: Material and equipment removed from the CAN-RAD Facility may not be salvaged or reused for any purpose and must be disposed of as contaminated material in the disposal area.

Subpara. c. At the end add:

"The Contractor shall rope off or otherwise delineate the demolition area so as to prevent access thereto by the public."

Subpara. g. Replace with:

"No burning will be permitted within the Village of Mount Kisco."

Para. 1.09 a (1) Replace with:

"The entire demolition and disposal operation is to be accomplished under the full time supervision of at least one qualified radiological health physicist certified either by the American Board of Radiology or by the American Board of Health Physics."

Subpara. (3) Replace with:

"The contractor's health physicist(s) shall monitor external radiation dosage by means of film badge dosimeters which the contractor is to provide to all demolition workers exposed to radiation. All demolition workers shall be checked for external contamination at the end of each working day, and provisions shall be made for changing out of contaminated clothing in order to prevent the spread of contamination outside the demolition area."

Subpara (5) At the end add:

"Prior to the accomplishment of any demolition and removal operations the contractor's physicist will be required to perform a complete survey of the facility, structures and surrounding ground areas. The results of this survey

and the above periodic radiation checks shall be carefully logged together with other appropriate radiological data obtained during the contract. This data shall be compiled in the form of a report which shall be submitted to the agency in quintuplicate upon completion of the work. This report shall also include the results of background radiation level readings taken at the waste disposal site before, during and after the disposal operation. The contractor shall cooperate with representatives of the State and County Health Departments and other regulatory agencies who may wish to perform their own sampling or radiation checks during the course of the work."

Subpara. (6) At the end add:

"The contractor will be required to notify both the Westchester County Depts. of Health and Parks prior to the start of demolition operations."

Subpara. (8) At the end add:

"In addition to the above requirements, vehicle bodies utilized in transporting contaminated materials must be lined with plastic sheeting or some other acceptable material in order to reduce vehicle contamination. Vehicles and equipment utilized in the demolition, removal and disposal of contaminated material shall be utilized only for this purpose once the demolition commences and shall not be released for other work until they have been properly decontaminated to acceptable radiation levels."

Subpara. (9) Replace with:

"Subsequent to notification by the contractor, the County Dept. of Parks will designate the appropriate area of the Croton Point Dump to be utilized for waste disposal operations."

Subpara. (10) At the end add:

"The County Parks Dept. will accomplish the preparation of the disposal area and the backfilling of the contaminated waste material with their own personnel and equipment."

Para. 1.09b Replace with:

"Upon satisfactory completion of the disposal operation the excavated subgrade areas of the facility shall be backfilled and brought to the proper finished grades shown, as specified under Division 3-Excavation, Filling and Grading."

All other applicable provisions of Division 1 remain unchanged.



Item 1-Unit IIA  
Can-Rad Demo.  
Amend No. 1-2/15/66

DIVISION 2 Clearing & Grubbing

The applicable provisions of this division shall govern the work under this contract except that no burning on site will be permitted and all contaminated materials shall be disposed of as provided under DIVISION 1.

DIVISION 3 Excavation, Filling & Grading

Upon completion of the demolition and disposal operation the requirements of this division will govern the filling and preparation of road and walk subgrade areas.

Para. 3.02a (1) Delete this subpara. entirely.

No rock excavation is anticipated and no quantity allowance therefore is included in this contract.

DIVISION 4-Concrete, DIVISION 5-Fencing and Railing and DIVISION 6-Water Distribution System delete these three Divisions entirely as inapplicable to the work under this contract.

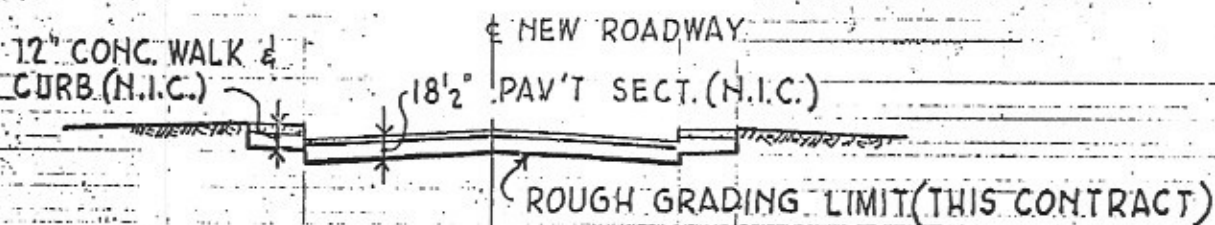
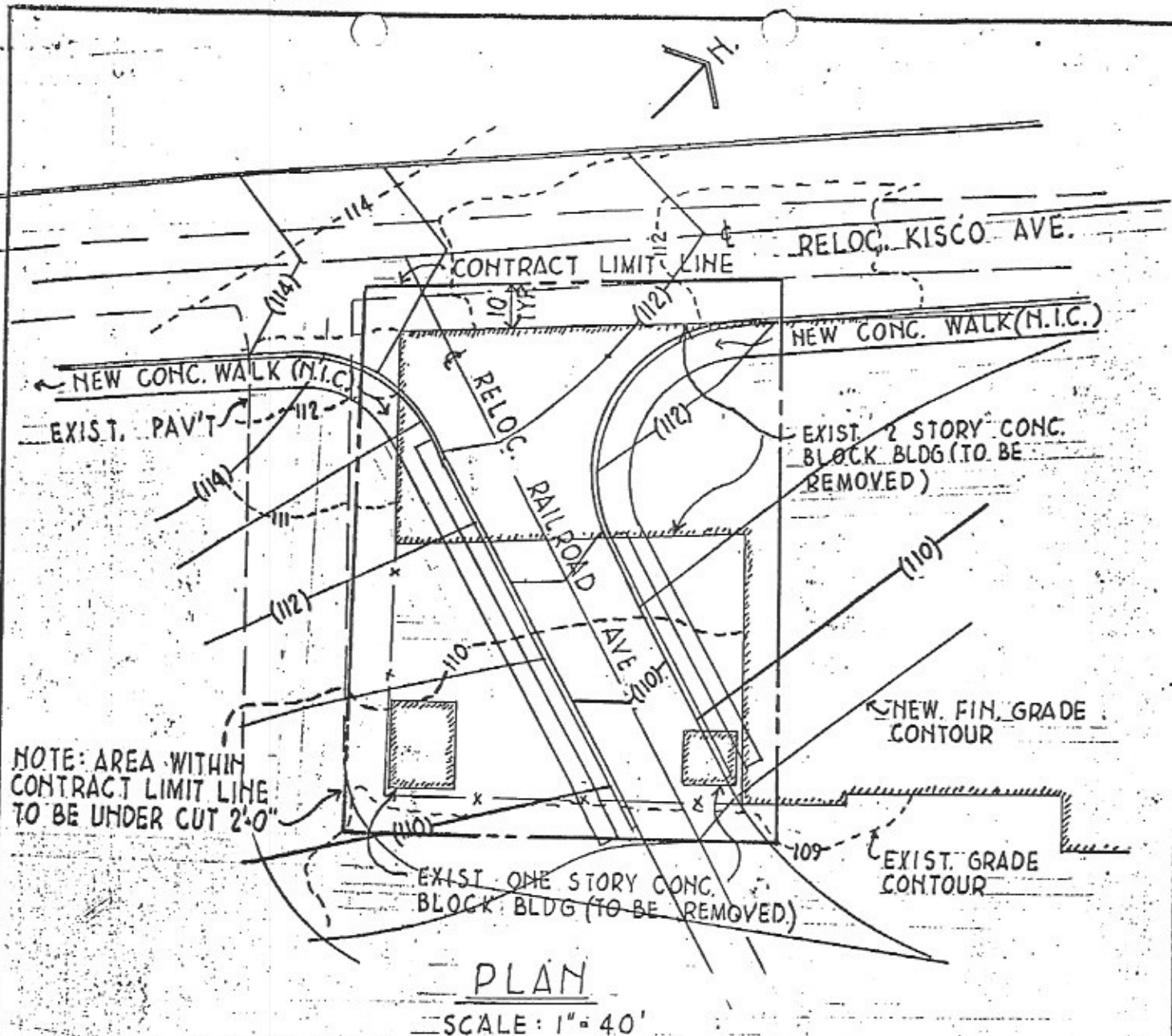
END OF AMENDMENT NO. 1.

Mt. Kisco Urban Renewal  
Can-Rad Demolition

LIST OF INVITEES

ALLIED CROSSROADS NUCLEAR CORP. 350 Fifth Avenue, N.Y., N.Y.	John Murphy	212-594-2200
APPLIED HEALTH PHYSICS, INC. P.O. Box 197 Bethel Park, Penna.	Robt. Gallagher	412-563-2242
LONG ISLAND NUCLEAR SERVICE CORP. Station Road Bellport, L.I., N.Y. 11713	John D. LaGrua, Jr.	516-286-0425
NUCLEAR DIAGNOSTIC LABORATORIES, INC. 1000 Lower South Street Peekskill, N.Y.	Lou Allocco	914-737-7330
NUCLEAR TECHNOLOGY CORPORATION 55 Church Street White Plains, N.Y.	Anthony Stathoplos	914-949-5660
RADIOLOGICAL SERVICE CO., INC. 110 Jerico Turnpike Floral Park, L.I., N.Y. 11002	Keith Foley	516-328-0414





## TYPICAL ROADWAY GRADING

### SECTION

NOT TO SCALE

NOTE: ALL CLEARING, DEMOLITION, ROUGH GRADING & CONTAMINATED WASTE DISPOSAL TO BE ACCOMPLISHED IN STRICT ACCORDANCE WITH SPECS

CANADIUM RADIUM & URANIUM FACILITY

## SITE PLAN

ITEM I CONTRACT UNIT II A  
KISCO AVE. - SUTTONS LANE RENEWAL PROJECT  
MOUNT KISCO, WESTCHESTER COUNTY, NEW YORK

STAUNTON & FREEMAN CONSULTING ENGINEERS  
235 PARK AVE. SOUTH NEW YORK, N. Y.

DATE: FEB 15, 1966 SCALE: 1" = 40'

DWG No 1-II-A-1